

CASE HC/1-22736/APCT

CERTIFICATE OF MAILING

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Assistant Commissioner for Patents, Washington, D.C. 20231.

Dolores DeCarminie  
Type or print name

Dolores DeCarminie  
Signature

8/17/05  
Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF

Group Art Unit: 1614

JEAN-MARIE ADAM ET AL

Examiner:

APPLICATION NO: 10/525,300

FILED: FEBRUARY 14, 2005

FOR: METHOD OF COLOURING POROUS  
MATERIAL

**Mail Stop: PCT**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

LETTER TO CORRECT FILING RECEIPT

Sir:

Applicants have now received the filing receipt in the above identified application. However, in viewing the paper, Applicants noted that the **Applicant(s)** information was incorrect. The third inventor was omitted. Enclosed is the title page of the International Publication WO/2004/019896, which shows this to be true. No change of inventorship was noted in the National Stage filing. Please issue a corrected filing receipt having this area read:

-- **Applicant(s)** Jean-Marie Adam, Rosenau, FRANCE  
Taher Yousaf, Basel, SWITZERLAND;  
Beate Froehling, Steinen, GERMANY  
Victor Paul Eliu, Loerrach, GERMANY --.

Enclosed is a copy of the filing receipt with the correction noted.

Respectfully submitted,

Kevin T. Mansfield

Kevin T. Mansfield  
Agent for Applicants  
Reg. No. 31,635

Ciba Specialty Chemicals Corporation  
Patent Department  
540 White Plains Road  
P.O. Box 2005  
Tarrytown, NY 10591-9005  
(914) 785-2783  
TAS/dd

Encl.: copy of filing receipt

Date: AUG 17 2005

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
11 March 2004 (11.03.2004)

PCT

(10) International Publication Number  
WO 2004/019896 A1

(51) International Patent Classification<sup>7</sup>: A61K 7/13, C09B 67/00, C07C 245/24

(21) International Application Number:  
PCT/EP2003/009416

(22) International Filing Date: 26 August 2003 (26.08.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
02405753.1 2 September 2002 (02.09.2002) EP

(71) Applicant (for all designated States except US): CIBA  
SPECIALTY CHEMICALS HOLDING INC. [CH/CH];  
Klybeckstrasse 141, CH-4057 Basel (CH).

(72) Inventors; and

(75) Inventors/Applicants (for US only): ADAM, Jean-Marie  
[FR/FR]; 60D, rue de Village-Neuf, F-68300 Rosenau  
(FR). YOUSAF, Taher [GB/CH]; Efringerstrasse 96,  
CH-4057 Basel (CH). FRÖHLING, Beate [DE/DE];  
Im Stutz 10, 79585 Steinen (DE). ELIU, Victor, Paul  
[DE/DE]; Im Lögelhardt 2, 79539 Lörrach (DE).

(74) Common Representative: CIBA SPECIALTY CHEMI-  
CALS HOLDING INC.; Patentabteilung, Klybeckstrasse  
141, CH-4057 Basel (CH).

(81) Designated States (national): AE, AG, AL, AM, AT, AU,  
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,  
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,  
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,  
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,  
MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC,  
SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA,  
UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

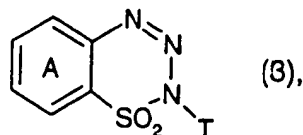
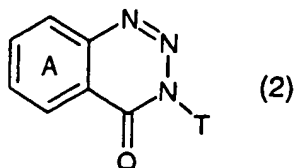
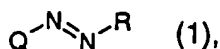
(84) Designated States (regional): ARIPO patent (GH, GM,  
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),  
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,  
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,  
SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,  
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the  
claims and to be republished in the event of receipt of  
amendments

For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.

(54) Title: METHOD OF COLOURING POROUS MATERIAL



(57) Abstract: A method of colouring porous material, especially human hair, is described, which method comprises applying to the material being coloured, in any desired order suc-  
cessively, or simultaneously, a) at least one capped diazonium compound of Formula (1)  
and/or at least one compound of Formula (2) and/or at least one compound of Formula  
(3) wherein Q is an unsubstituted or substituted aromatic or heterocyclic residue, R is the  
radical of an unsubstituted or substituted, water-soluble aliphatic or aromatic amine, and T  
is an unsubstituted or substituted, water-soluble aliphatic or aromatic residue, wherein at  
least one of the groups must contain a radical imparting water solubility, and a) at least one  
water-soluble coupling component under conditions such that, initially, coupling does not  
take place, and then causing the capped diazonium compound present on the material to  
react with the coupling component.

BEST AVAILABLE COPY

WO 2004/019896 A1



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPL NO.	FILING OR 371 (e) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/525,300	02/14/2005	1614	1150	HC/1-22736/A/PCT		19	2

000324

CIBA SPECIALTY CHEMICALS CORPORATION

PATENT DEPARTMENT

540 WHITE PLAINS RD

P O BOX 2005

TARRYTOWN, NY 10591-9005

RECEIVED  
Andrea DeCecchis

AUG 5 2005

Docket Coordinator  
Patent Department

CONFIRMATION NO. 5992

## FILING RECEIPT



\*OC000000016627429\*

Date Mailed: 08/01/2005

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Jean-Marie Adam, Rosenau, FRANCE;

Taher Yousaf, Basel, SWITZERLAND;

Victor Paul Eliu, Lorrach, GERMANY;

→ Beate Fraehling Steinen, GERMANY;  
(omitted)

Power of Attorney: The patent practitioners associated with Customer Number **000324**.

## Domestic Priority data as claimed by applicant

This application is a 371 of PCT/EP03/09416 08/26/2003 ✓

## Foreign Applications

EUROPEAN PATENT OFFICE (EPO) 02405753.1 09/02/2002 ✓

Projected Publication Date: 11/03/2005

Non-Publication Request: No

Early Publication Request: No

Title

HC/1-22736/A/PCT

BEST AVAILABLE COPY

Method of colouring porous material ✓

**Preliminary Class**

514

**PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES**

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

**LICENSE FOR FOREIGN FILING UNDER****Title 35, United States Code, Section 184****Title 37, Code of Federal Regulations, 5.11 & 5.15****GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of

BEST AVAILABLE COPY

Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

BEST AVAILABLE COPY